IN THE CLAIMS

Please replace claims 10, 11, and 18 with the following amended claims 10, 11 and 18:

10. (Amended) A device for measuring the mass of a flowing medium, in an intake air mass of internal combustion engines, comprising a temperature-dependent measurement element that the flowing medium circulates around, said measurement element is disposed in a measurement conduit extending in the device from an inlet to an outlet, said measurement conduit is adjoined by a deflection conduit, wherein the measurement conduit has two faces (37, 38) which extend transversely to the measurement element (21), and that faces (37, 38) approach each other in a direction of the flow in the measurement conduit, the measurement conduit (30) having two additional faces (39, 40) which are disposed lateral to a surface (24) of the measurement element (21).

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11. (Amended) The device according to claim 10, in which the flow cross section of the measurement conduit (30) is generally rectangular and the additional faces (39, 40) extend parallel to the surface (24) of the measurement element (21).

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18. (Amended) The device according to claim 14, in which the thickness of the wall of the base part (45) and the cover part (46) is constant in the vicinity of the additional faces (39, 40) which extend parallel to the surface (24) of the measurement element (21).

two faces (39, 40) extending parallel to the surface (24) of the measurement element (21).

12. The device according to claim 10, in which an inclination angle α respectively enclosed by the faces (37; 38) that approach each other and an axis (12) passing through the center of the measurement conduit (30) is approximately 8°.

13. The device according to claim 11, in which an inclination angle α respectively enclosed by the faces (37; 38) that approach each other and an axis (12) passing through the center of the measurement conduit (30) is approximately 8°.

14. The device according to claim 10, in which the measurement conduit (30) and the deflection conduit (31) are comprised of two attachable parts, a base part (45) and a cover part (46).

15. The device according to claim 10, in which an edge face (50) of a first part (51) of the deflection conduit (31) is embodied as inclined in relation to an axis (12) passing through the center of the measurement conduit (30).

16. The device according to claim 15, in which an inclination angle ß enclosed by the edge face (50) and the axis (12) of the measurement conduit (30) lies in the range from approximately 30° to 60°.